IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A system for managing plural video teleconferencing devices configured to exchange audio/video data, the system comprising:

a management adapter accessible to a user interface, the management adapter having a list that identifies the plural video teleconferencing devices configured to exchange audio/video data; and

a device access layer interfaced with the management adapter and the video teleconferencing devices, the device access layer representing the plural video teleconferencing devices as ~~objects~~ Management Beans to support management of the plural video teleconferencing devices through the management adapter during set-up or conduct of an active video teleconference, each of the Management Beans being configured to perform a protocol conversion between a native protocol of one of the plural video teleconferencing devices and a management interface protocol used by the management adapter, wherein

each of the plural video teleconferencing devices have a corresponding type, ~~plural video teleconferencing types,~~ the device access layer ~~representing each~~ associating the Management Beans in classes, with each of the classes being associated with a respective type of the plural video teleconferencing ~~device~~ devices ~~as an object class~~.

Claims 2-5 (Canceled).

Claim 6 (Currently Amended): The system of Claim 1, wherein a video teleconferencing device belongs to plural video teleconferencing types, the device access layer representing the video teleconferencing device as plural objects, each of the plural objects belonging to a class [[5]] corresponding to the plural video teleconferencing types.

Claim 7 (Currently Amended): The system of Claim 1, wherein [[a]] the respective type of the plural video teleconferencing ~~device type comprises~~ devices is an endpoint ~~type~~.

Claim 8 (Currently Amended): The system of Claim 1, wherein [[a]] the respective type of the plural video teleconferencing ~~device type comprises~~ devices is an MCU ~~type~~.

Claim 9 (Currently Amended): The system of Claim 1, wherein [[a]] the respective type of the plural video teleconferencing ~~device type comprises~~ devices is a gatekeeper ~~type~~.

Claim 10 (Currently Amended): The system of Claim 1, wherein [[a]] the respective type of the plural video teleconferencing ~~device type comprises~~ devices is a gateway ~~type~~.

Claim 11 (Canceled).

Claim 12 (Currently Amended): The system of Claim 1, wherein the device access layer comprises:

a Management Bean server, wherein ~~having Management Bean objects that correspond to the video teleconferencing devices,~~ each of the Management ~~Bean object encapsulating~~ Beans encapsulates attributes that support access to a video network device.

Claim 13 (Currently Amended): The system of Claim 1, wherein the plural video teleconferencing devices comprise:

one or more of plural device types, each of the plural device ~~type~~ types having a common interface defined by a Management Bean class.

Claim 14 (Canceled).

Claim 15 (Currently Amended): A method for communicating with first and second video teleconferencing devices configured to exchange audio/video data and having corresponding first and second communication formats, the method comprising:

dividing the video teleconferencing devices into types of video teleconferencing devices;

establishing ~~an object class for each type of video teleconferencing device~~ Management Beans to support management of the first and second video teleconferencing devices;

interfacing with a management platform through a management interface format to identify the video teleconferencing devices;

associating the first video teleconferencing device with a first ~~object~~ Management Bean and the second video teleconferencing device with a second ~~object~~ Management Bean, wherein the Management Beans are associated in classes, with each of the classes being associated with a type of video teleconference device;

translating communication to the first video teleconferencing device with the first Management Bean ~~the first object~~ from the management interface format to the first communication format which is a native protocol of the first video teleconferencing device;

translating communication to the second video teleconferencing device with the second Management Bean ~~the second object~~ from the management interface format to the second communication format which is a native protocol of the second video teleconferencing device; and

sending audio/video data from one of said first and second video teleconferencing devices to another of said first and second video teleconferencing devices.

Claim 16 (Canceled).

Claim 17 (Currently Amended): The method of Claim 15, wherein the management interface format comprises SNMP.

Claim 18 (Canceled).

Claim 19 (Currently Amended): The method of Claim 15, wherein each type of video teleconferencing device has a common interface for exchanging data between an external interface and objects of the class associated with the type of video teleconferencing device.

Claim 20 (Currently Amended): A method for interfacing an SNMP management application with plural video teleconferencing devices having disparate native interface protocols, the method comprising:

representing ~~each~~ the plural video teleconferencing ~~device~~ devices as [[a]] Management ~~Bean~~ Beans stored on a server, wherein the Management Beans support management of the video teleconference devices;

providing an SNMP management instruction for a video teleconferencing device to an SNMP adapter;

communicating the SNMP management instruction using the SNMP adapter as a management bean client in communication with the server; ~~and~~

communicating the SNMP management instruction from the server through [[the]] a ~~management bean~~ Management Bean representing the video teleconferencing device to the video teleconferencing device in a native protocol of the device, wherein the Management Bean performs a protocol conversion between a native protocol of a corresponding video teleconferencing device and an SNMP protocol used by the SNMP management application; and

sending audio/video data from one of said plural video teleconferencing devices to another of said plural video teleconferencing devices.

Claim 21 (Currently Amended): The method of Claim 20, further comprising:

associating the video teleconferencing device receiving the SNMP management instruction with an IP address; and

communicating a second SNMP management instruction to the video teleconferencing device with the IP address.

Claim 22 (Currently Amended): The method of Claim 20, further comprising:

listing the video teleconferencing devices in a MIB; and

associating the video teleconferencing devices with IP addresses with the SNMP adapter.

Claim 23 (Currently Amended): The method of Claim 20, further comprising:

communicating between the management bean client and the server with standardized attributes defined for each of the plural video teleconferencing ~~device~~ devices.

Claim 24 (Canceled).

Claim 25 (Currently Amended): A system for interfacing plural video teleconferencing devices with an application through an SNMP interface, the plural video teleconferencing devices having disparate native protocols, the system comprising:

an adapter in communication with the application to accept SNMP instructions from the application for a video teleconferencing device; and

an agent including a Management Bean in communication with the adapter, the ~~agent~~ Management Bean representing the video teleconferencing device as an object having attributes,

~~wherein the adapter and agent cooperate to convert the SNMP instructions to the native protocol with the video teleconferencing device object attributes translated into requests to the video teleconferencing device in a native protocol of the video teleconferencing device during set-up or conduct of an active video teleconference~~

wherein the plural video teleconferencing devices have plural video teleconferencing types, and the Management Bean performs a protocol conversion between a native protocol of the teleconferencing device and the SNMP instructions.

Claim 26 (Canceled).

Claim 27 (Currently Amended): A method for managing a video network having plural video teleconferencing devices, the method comprising:

dividing the video teleconferencing devices into types of the plural video teleconferencing devices;

establishing an object class for each type of the plural video teleconferencing ~~device~~ devices;

representing each of said plural video teleconferencing devices as ~~an object having attributes~~ Management Beans;

communicating management instructions to the ~~objects~~ Management Beans of the plural video teleconferencing devices;

translating object attributes of the communication instructions into device-specific instructions to manage one or more of the plural video teleconferencing devices, wherein at least one of the Management Beans performs a protocol conversion between a native protocol of one of the plural video teleconferencing devices and a management interface protocol of the communication instructions; and

sending audio/video data from one of said plural video teleconferencing devices to another of said plural video teleconferencing devices.

Claim 28 (Currently Amended): The method of Claim 27, further comprising:

listing the attributes of an object that represents a video teleconferencing device; and

selecting one or more attributes to create a MIB for the video teleconferencing device.

Claim 29 (Currently Amended): The method of Claim 28, further comprising:

selecting one or more variables from one or more pre-existing MIBs associated with the video teleconferencing device for inclusion with the created MIB.

Claim 30 (Currently Amended): The method of Claim 28, wherein the created MIB cooperates with a management application for communicating management instructions to the object associated with the video teleconferencing device.

Claim 31 (Currently Amended): The method of Claim 30, wherein the communication instructions comprises SNMP management instructions.

Claim 32 (Canceled).

Claim 33 (Currently Amended): The method of Claim 28, wherein the created MIB consists of read-only variables.

Claim 34 (Currently Amended): The method of Claim 28, wherein the created MIB comprises variables for a restricted set of users.

Claim 35 (Currently Amended): The method of Claim 27, wherein the device specific instructions comprise non-SNMP instructions.

Claim 36 (Currently Amended): A system for managing a video network having plural video teleconferencing devices, the system comprising:

plural ~~objects, each object having~~ Management Beans that include attributes to represent [[a]] the plural video teleconferencing ~~network device~~ devices, wherein the Management Beans are associated in classes, with each of the classes being associated with a respective type of the plural video teleconference devices, and each of the Management Beans is configured to perform a protocol conversion between a native protocol of one of the plural video teleconferencing devices and another protocol;

one or more lists of the attributes;

one or more MIB having variables of at least one of the plural video teleconferencing ~~network device~~ devices; and

a MIB summation engine operational to select one or more attributes and one or more variables to dynamically create a MIB for the at least one of the plural video teleconferencing ~~device~~ devices during set-up or conduct of an active video teleconference.

Claim 37 (Currently Amended): The system of Claim 36, wherein the created MIB comprises a structure associated with a predetermined and restricted set of users.

Claim 38 (Currently Amended): The system of Claim 37, wherein the structure comprises a tiered folder structure.

Claim 39 (Currently Amended): The system of Claim 36, wherein the created MIB comprises read only variables.

Claim 40 (Currently Amended): The system of Claim 36, further comprising:

a management application associated with the video network and operational to manage the plural video teleconferencing devices.

Claim 41 (Currently Amended): The system of Claim 40, wherein the management application comprises an SNMP application.

Claim 42 (Currently Amended): The system of Claim 41, wherein the created MIB cooperates with the management application to manage the at least one of the plural video teleconferencing network ~~device~~ devices.

Claim 43 (Canceled).

Claim 44 (Canceled).

Claim 45 (Currently Amended): A method for managing disparate video teleconferencing devices with an SNMP application, the disparate video teleconferencing devices having disparate native protocols, the method comprising:

representing the disparate video teleconferencing devices as ~~objects~~ Management Beans having attributes, ~~an object translating instructions from the SNMP application to a native protocol of a video teleconferencing network device associated with the object,~~ wherein the Management Beans area associated in classes, with each of the classes being associated with a respective type of the plural video teleconferencing devices, and each of the Management Beans is configured to perform a protocol conversion between a native protocol of one of the plural video teleconferencing devices and the SNMP application;

dynamically creating a MIB for the video teleconferencing network device from selected attributes of ~~the object~~ a Management Bean associated with the video network device;

accessing the dynamically created MIB with the SNMP application to manage the at least one of the plural video teleconferencing ~~network device~~ devices; and

sending audio/video data from one of the at least one of the plural video teleconferencing devices to another video teleconferencing device.

Claim 46 (Currently Amended): The method of Claim 45, wherein dynamically creating further comprises:

dynamically creating the MIB from selected variables of pre-existing MIBs associated with the video teleconferencing network device.

Claim 47 (Currently Amended): The method of Claim 45, further comprising:

creating a translator table to associate the attributes with the dynamically created MIB.

Claim 48 (Currently Amended): The method of Claim 45, wherein the SNMP application comprises HP Openview.

Claim 49 (Currently Amended): The method of Claim 45, wherein dynamically creating the MIB further comprises:

selecting attributes for inclusion in the MIB to customize the MIB for a specific user.